

Product datasheet for **SC321799**

LNX1 (NM_032622) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LNX1 (NM_032622) Human Untagged Clone
Tag:	Tag Free
Symbol:	LNX1
Synonyms:	LNX; MPDZ; PDZRN2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF:

```
>OriGene sequence for NM_032622.1
GGCTCCTTGC GTTCTACATCCTCTCATCTGAGAATCAGAGAGCATAATCTTCTTACGGG
CCCGTGATTTATTAACGTGGCTTAATCTGAAGTTCTCAGTCAAATTCCTTGTGATCTAC
TGATTGTGGGGGCATGGCAAGGTTTGTCTAAAGGAGCTTGGCTGGTTTGGGCCCTTGTAG
CTGACAGAAGGTGGCCAGGGAGAAGGCAGCACACTGCTCGGAGAATGAAGGCGCTTCTGT
TGCTGGTCTTGCCTTGGCTCAGTCTGCTAATGCACTGCACTGCACTGCACTGCACTGCACTG
TCCTGTATTCAGAACTCTGTAAGGTGCCTCCACTACGGCCTGACCAAGATAGGAAGA
GGCGCTCACAAAGATGGCTGTCCAGACGGCTGTGCGAGCCTCACAGCCACGGCTCCCTCCC
CAGAGGTTTCTGCAGCTGCCACCATCTCCTTAATGACAGACGAGCCTGGCCTAGACAACC
CTGCCTACGTGTCTCGGCAGAGGACGGGCAGCCAGCAATCAGCCAGTGGACTCTGGCC
GGAGCAACCGAACTAGGGCACGGCCCTTGGAGATCCACTATTAGAAGCAGATCATTTA
AAAAAATAAATCGAGCTTGTAGTGTCTTGAAGGACAAAGAGCGGGAGTGCAGTTGCCA
ACCATGCCGACAGGGCAGGAAAATTCTGAAAACACCACTGCCCTGAAGTCTTTCCAA
GGTTGTACCACCTGATTCAGATGGTGAATACCAGCATCAAGATCAATCGAGTAGATC
CCAGTGAAGCCTCTCTATTAGGCTGGTGGGAGGTAGCGAAACCCCACTGGTCCATATCA
TTATCCAACACATTTATCGTGATGGGGTATCGCCAGAGACGGCCGGCTACTGCCAGGAG
ACATCATTCTAAAGTCAACGGGATGGACATCAGCAATGTCCCTCACAACACGCTGTGC
GTCTCCTCGCGCAGCCCTGCCAGGTGCTGTGGTGACTGTGATGCGTGAACAGAAGTTCC
GCAGCAGGAACAATGGACAGGCCCGGATGCCTACAGACCCCGAGATGACAGCTTTCATG
TGATTCTCAACAAAAGTAGCCCCGAGGAGCAGCTTGAATAAACTGGTGCAGCAAGGTGG
ATGAGCCTGGGGTTTTTCATCTTCAATGTGCTGGATGGCGGTGTGGCATATCGACATGGTC
AGCTTGAGGAGAATGACCGTGTGTTAGCCATCAATGGACATGATCTTCGATATGGCAGCC
CAGAAAAGTCCGGCTCATCTGATTCAGGCCAGTGAAGACGTGTTACCTCGTCTGTCCC
GCCAGGTTCCGGCAGCGGAGCCCTGACATCTTTCAGGAAGCCGGCTGGAACAGCAATGGCA
GCTGGTCCCAGGGCCAGGGGAGAGGAGCAACTCCCAAGCCCTCCATCCTACAATTA
CTTGTCATGAGAAGTGGTAAATATCCAAAAAGACCCCGTGAATCTCTCGGCATGACCG
TCGCAGGGGAGCATCACATAGAGAATGGGATTTGCCTATCTATGTCATCAGTGTGAGC
CCGGAGGAGTCATAAGCAGAGATGGAAGAATAAAACAGGTGACATTTTGTGATGTTG
ATGGGGTCAACTGACAGAGGTGAGCCGAGTGGGAGTGGCATTATTGAAAAGAACAT
CATCCTCGATAGTACTCAAAGCTTTGGAAGTCAAAGATGAGCCCCAGGAAGACTGCA
GCAGCCCAGCAGCCCTGGACTCCAACCACAACATGGCCCCACCCAGTACTGGTCCCAT
CCTGGGTGATGTGGCTGGAATACCACGGTGTGTTATAACTGTAAGATATTGTATTAC
GAAGAAACACAGCTGGAAGTCTGGGCTTCTGCATTGTAGGAGTTATGAAGAATAAATG
GAAACAAACCTTTTTTTCATCAAATCCATTGTTGAAGGAACACCAGCATACAATGATGGA
GAATTAGATGTGGTGATATTCTTCTTGTGTCATGGTGAAGTACATCAGGAATGATAC
ATGCTTGCTTGGCAAGACTGCTGAAAGAACTTAAAGGAAGAATTAATCTAACTATTGTTT
CTTGGCCTGGCACTTTTTTATAGAATCAATGATGGGTGAGGAAAACAGAAAAATCACA
AATAGGCTAAGAAGTTGAAACACTATATTTATCTTGTGCTGATTTTATATTTAAAGAAAGA
ATACATTGTAAGAAATGTCAGGAAAAGTATGATCATCTAATGAAAGCCAGTTACACCTCAG
AAAATATGATTCCAAAAAATTAAGAACTACTAGTTTTTTTTTTCAGTGTGGAGGATTTCTCA
TTACTCTACAACATTGTTTATATTTTTTCTATTCAATAAAAAAGCCCTAAAACAACAAAA
TGATTTGTATACCCCACTGAATCAAGCTGATTTAAATTTAAATTTGGTATATGCTGAA
GTCTGCCAAGGGTACATTATGGCCATTTTAAATTTACAGCTAAAAATTTTTTTAAATGC
ATTGCTGAGAAACGTTGCTTTCATCAAACAAGAATAAATATTTTTTCAGAAGTTATAGTTG
TCTTTTAGTATGTGATACTAATTAAGATACTTTTGTATTATCACTATTTAAAGATCCT
AGTAATTTATTCTTTCAAATACCATGTTATTTGTTACCATCACCGATGAATACCTCCTAG
GCTTATCCCTAAAAATGCTCGCTCAGAGAATTAATTATAAACTGTTTTTGTGTTTTAGTAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
```

Restriction Sites:

Please inquire

ACCN:	NM_032622
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_032622.1</u> , <u>NP_116011.1</u>
RefSeq Size:	3737 bp
RefSeq ORF:	1899 bp
Locus ID:	84708
UniProt ID:	<u>Q8TBB1</u>
Cytogenetics:	4q12
Domains:	PDZ
Protein Families:	Druggable Genome
Gene Summary:	<p>This gene encodes a membrane-bound protein that is involved in signal transduction and protein interactions. The encoded product is an E3 ubiquitin-protein ligase, which mediates ubiquitination and subsequent proteasomal degradation of proteins containing phosphotyrosine binding (PTB) domains. This protein may play an important role in tumorigenesis. Alternatively spliced transcript variants encoding distinct isoforms have been described. A pseudogene, which is located on chromosome 17, has been identified for this gene. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR and 5' coding region, compared to variant 1. The resulting isoform (b, also known as LNXp70) contains a distinct N-terminus and is shorter than isoform a.</p>